

**Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

1 (Original) A method of manufacturing magnetic disks comprising a magnetic layer, a protective layer, and a lubricating layer on a substrate, in which

a lubricant *alpha* comprising a compound denoted by chemical formula

**[Chem. 1]**

HO-CH<sub>2</sub>-CH(OH)-CH<sub>2</sub>-O-CH<sub>2</sub>-CF<sub>2</sub>(-O-C<sub>2</sub>F<sub>4</sub>)<sub>p</sub>-(O-CF<sub>2</sub>)<sub>q</sub>-O-CF<sub>2</sub>-CH<sub>2</sub>-O-CH<sub>2</sub>-CH(OH)-CH<sub>2</sub>-OH

wherein p and q are natural number,

and a compound denoted by chemical formula

**[Chem. 2]**

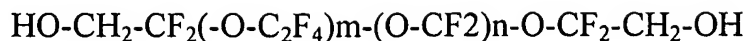
HO-CH<sub>2</sub>-CF<sub>2</sub>(-O-C<sub>2</sub>F<sub>4</sub>)<sub>m</sub>-(O-CF<sub>2</sub>)<sub>n</sub>-O-CF<sub>2</sub>-CH<sub>2</sub>-OH

wherein m and n are natural number,

is fractionated by molecular weight to prepare a lubricant *a* having a weight average molecular weight (Mw) of from 3,000 to 7,000 and a molecular weight dispersion of less than or equal to 1.2;

a lubricant *beta* comprising a compound denoted by the chemical formula

**[Chem. 3]**



wherein  $m$  and  $n$  are natural number,

is fractionated by molecular weight to prepare a lubricant  $b$  having a weight average molecular weight ( $M_w$ ) of from 2,000 to 5,000 and a molecular weight dispersion of less than or equal to 1.2;

a lubricant  $c$  comprising a mixture of lubricants  $a$  and  $b$  is prepared; and

a film of lubricant  $c$  is formed on a protective layer provided on a substrate to form a lubricating layer.

2 (Original) The method of manufacturing magnetic disks of claim 1, wherein the fractionation by molecular weight is conducted by supercritical extraction.

3 (Currently Amended) The method of manufacturing magnetic disks of claim 1 or 2, wherein lubricant  $c$  is prepared by obtaining a composition A of lubricant  $a$  dispersed in a fluorine-base solvent, obtaining a composition B of lubricant  $b$  dispersed in a fluorine-base solvent, mixing compositions A and B, and extracting lubricant  $c$  from the mixed composition.

4 (Currently Amended) The method of manufacturing magnetic disks of claim 1 ~~any of claims 1 to 3~~, wherein after forming the lubricating layer, the resultant magnetic disk is exposed to an atmosphere of from 50 to 150°C to adhere lubricant *c* to the protective layer.

5. (Currently Amended) The method of manufacturing magnetic disks of claim 1 ~~any of claims 1 to 4~~, wherein the protective layer is formed by plasma CVD.

6 (Currently Amended) The method of manufacturing magnetic disks of claim 1 ~~any of claims 1 to 5~~, employed for load-unload system magnetic disk devices.

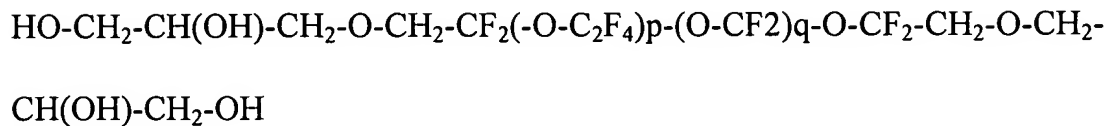
7 (Currently Amended) The method of manufacturing magnetic disks of claim 1 ~~any of claims 1 to 6~~, wherein Fomblin Ztetraol (product name) made by Solvay Solexis is selected as lubricant *alpha* and Fomblin Zdol (product name) made by Solvay Solexis is selected as lubricant *beta*.

8 (Original) A magnetic disk comprising a magnetic layer, a protective layer, and a lubricating layer on a substrate, in which the lubricating layer has been formed on the protective layer, said lubricating layer being comprised of a lubricant *c*,

comprising a lubricant *a* having a weight average molecular weight (Mw) of from 3,000 to 7,000 and a molecular weight dispersion of less than or

equal to 1.2 obtained by refining a lubricant *alpha* comprising the compound denoted by the chemical formula

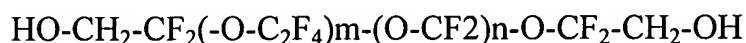
**[Chem. 4]**



wherein p and q are natural number,

and a compound denoted by chemical formula

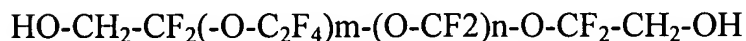
**[Chem. 5]**



wherein m and n are natural number,

and a lubricant *b* having a weight average molecular weight (Mw) of from 2,000 to 5,000 and a molecular weight dispersion of less than or equal to 1.2, comprising a lubricant *beta* comprising a compound denoted by chemical formula

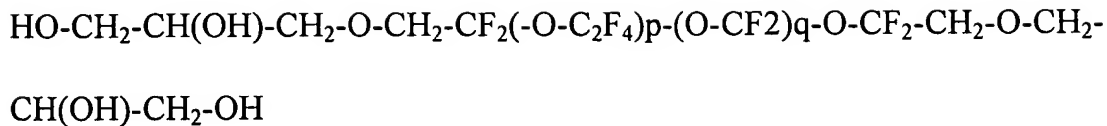
**[Chem. 6] .**



wherein m and n are natural number.

9 (Original) A magnetic disk comprising a magnetic layer, a protective layer, and a lubricating layer on a substrate, in which the lubricating layer has been formed on the protective layer, said lubricating layer comprising a compound denoted by the chemical formula

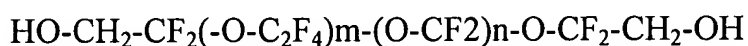
**[Chem. 7]**



wherein p and q are natural number,

and a compound denoted by the chemical formula

**[Chem. 8]**

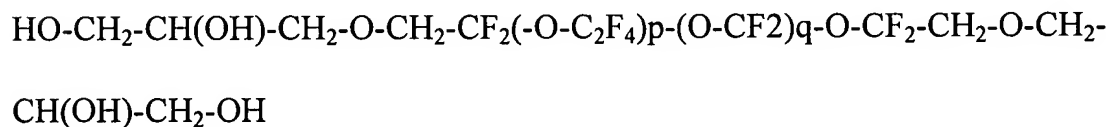


wherein m and n are natural number,

and the lubricating layer contains -COOH atomic groups detectable by time of flight secondary ion mass spectrometry.

10 (Original) A magnetic disk comprising a magnetic layer, a protective layer, and a lubricating layer on a substrate, in which the lubricating layer comprises: a compound denoted by the chemical formula

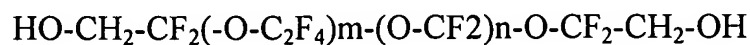
**[Chem. 9]**



wherein p and q are natural number,

a compound denoted by the chemical formula

**[Chem. 10]**



wherein m and n are natural number,

and a compound having in its molecular structure  $\text{-COOH}$  atomic group detectable by time of flight secondary ion mass spectrometry.

11 (Currently Amended) The magnetic disk of claim 8 ~~any of claims 8 to 10~~, wherein the protective layer is a carbon-base protective layer.

12 (New) The magnetic disk of claim 9, wherein the protective layer is a carbon-base protective layer.

13 (New) The magnetic disk of claim 10, wherein the protective layer is a carbon-base protective layer.